


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 11, 2004.




Jerry Cohen
Reg. No.: 20,522

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael E. MACK, *et al.*

Serial No: 09/904,919

Filed: July 13, 2001

For: GAS CLUSTER ION BEAM SIZE DIAGNOSTICS AND WORKPIECE PROCESSING

Examiner: Lam S. NGUYEN

Art Unit: 2853

Confirmation No.: 4702

PERKINS SMITH & COHEN LLP
One Beacon Street
Boston, Mass. 02108
(617) 854 4000

To: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Supplemental Response (C) To Office Action Under 37 C.F.R. §1.111

Sir:

This amendment follows up an August 11, 2004, telephone interview between Applicants' counsel and Examiner Nguyen related to the above-captioned U.S. patent application. Accompanying this submission is a terminal disclaimer to obviate a double-patenting rejection the Examiner informed Applicants' counsel would otherwise be forthcoming, and a check in the amount of \$110.00 covering the associated fee for filing the terminal disclaimer. No additional fees are believed necessary for submission and consideration of this response, however, if such fees are deemed necessary, they are authorized to be charged to our Deposit Account No. 03-2410, Order No. 11460-112.

Claims 1-35 are currently pending in the application. Applicants thank the Examiner for noting the allowability of claims 1-22 and 25-35, and the prospective allowability (following

submission of the enclosed terminal disclaimer) of claims 23 and 24. Two minor typographical errors in claim 32 are corrected by this response.

Amendments to the claims begin on **page 3**.

Remarks begin on **page 10**.